DMX1360 Controller 136CH

154.044

INSTRUCTION MANUAL
GEBRUIKSAANWIJZING
BEDIENUNGSANLEITUNG

ENGLISH

Congratulations to the purchase of this Beamz light effect. Please read this manual thoroughly prior to using the unit in order to benefit fully from all features.

Read the manual prior to using the unit. Follow the instructions in order not to invalidate the warranty. Take all precautions to avoid fire and/or electrical shock. Repairs must only be carried out by a qualified technician in order to avoid electrical shock. Keep the manual for future reference.

- Prior to using the unit, please ask advice from a specialist. When the unit is switched on for the first time, some smell may occur. This is normal and will disappear after a while.
- The unit contains voltage carrying parts. Therefore do NOT open the housing.
- Do not place metal objects or pour liquids into the unit This may cause electrical shock and malfunction.
- Do not place the unit near heat sources such as radiators, etc. Do not place the unit on a vibrating surface. Do not cover the ventilation holes.
- The unit is not suitable for continuous use.
- Be careful with the mains lead and do not damage it. A faulty or damaged mains lead can cause electrical shock and malfunction.
- When unplugging the unit from a mains outlet, always pull the plug, never the lead.
- Do not plug or unplug the unit with wet hands.
- If the plug and/or the mains lead are damaged, they need to be replaced by a qualified technician.
- If the unit is damaged to such an extent that internal parts are visible, do NOT plug the unit into a mains outlet and DO NOT switch the unit on. Contact your dealer. Do NOT connect the unit to a rheostat or dimmer.
- To avoid fire and shock hazard, do not expose the unit to rain and moisture.
- All repairs should be carried out by a qualified technician only.
- Connect the unit to an earthed mains outlet (220-240Vac/50Hz) protected by a 10-16A fuse.
- During a thunderstorm or if the unit will not be used for a longer period of time, unplug it from the mains. The rule is: Unplug it from the mains when not in use.
- If the unit has not been used for a longer period of time, condensation may occur. Let the unit reach room temperature before you switch it on. Never use the unit in humid rooms or outdoors.
- During operation, the housing becomes very hot. Do not touch it during operation and immediately after.
- To prevent accidents in companies, you must follow the applicable guide lines and follow the instructions.
- Secure the unit with an extra safety chain if the unit is ceiling mount. Use a truss system with clamps. Make sure nobody stands in the mounting area. Mount the effect at least 50cm away from inflammable material and leave at least 1 meter space on every side to ensure sufficient cooling.
- This unit contains high intensity LEDs. Do not look into the LED light to prevent damage to your eyes.
- Do not repeatedly switch the fixture on and off. This shortens the life time.
- Keep the unit out of the reach of children. Do not leave the unit unattended.
- Do not use cleaning sprays to clean switches. The residues of these sprays cause deposits of dust and grease. In case of malfunction, always seek advice from a specialist.
- Only operate the unit with clean hands.
- Do not force the controls.
- If the unit has fallen, always have it checked by a qualified technician before you switch the unit on again.
- Do not use chemicals to clean the unit. They damage the varnish. Only clean the unit with a dry cloth.
- Keep away from electronic equipment that may cause interference.
- Only use original spares for repairs, otherwise serious damage and/or dangerous radiation may occur.
- Switch the unit off prior to unplugging it from the mains and/or other equipment. Unplug all leads and cables prior to moving the unit.
- Make sure that the mains lead cannot be damaged when people walk on it. Check the mains lead before every use for damages and faults!
- The mains voltage is 220-240Vac/50Hz. Check if power outlet match. If you travel, make sure that the mains voltage of the country is suitable for this unit.
- Keep the original packing material so that you can transport the unit in safe conditions

This mark attracts the attention of the user to high voltages that are present inside the housing and that are of sufficient magnitude to cause a shock hazard.

This mark attracts the attention of the user to important instructions that are contained in the manual and that he should read and adhere to.

DO NOT LOOK DIRECTLY INTO THE LENS. This can damage your eyes. Persons who are subject to epileptic attacks should be aware of the effects that this light effect may have on them.
The unit has been certified CE. It is prohibited to make any changes to the unit. They would invalidate the CE certificate and their guarantee!

NOTE: To make sure that the unit will function normally, it must be used in rooms with a temperature between 5°C/41°F and 35°C/95°F.

NEDERLANDS

Hartelijk dank voor de aanschaf van dit Beamz lichteffect. Neemt U a.u.b. een paar momenten de tijd om deze handleiding zorgvuldig te lezen, aangezien wij graag willen dat u onze producten snel en volledig gebruikt.
Lees deze handleiding eerst door alvorens het product te gebruiken. Volg de instructies op anders zou de garantie wel eens kunnen vervallen. Neem ook altijd alle veiligheidsmaatregelen om brand en/of een elektrische schok te voorkomen. Tevens is het ook raadzaam om reparaties / modificaties e.d. over te laten aan gekwalificeerd personeel om een elektrische schok te voorkomen. Bewaar deze handleiding ook voor toekomstig gebruik.

- Bewaar de verpakking zodat u indien het apparaat defect is, dit in de originele verpakking kunt opsturen om beschadigingen te voorkomen.
- Voordat het apparaat in werking wordt gesteld, altijd eerst een deskundige raadplegen. Bij het voor de eerste keer inschakelen kan een bepaalde reuk optreden. Dit is normaal en verdwijnt na een poos.
- In het apparaat bevinden zich onder spanning staande onderdelen; open daarom NOOIT dit apparaat.
- Plaats geen metalen objecten en mors geen vloeistof in het effect. Dit kan leiden tot elektrische schokken of defecten.
- Toestel niet opstellen in de buurt van warmtebronnen zoals radiatoren etc. en niet op een vibrerende onder- grond plaatsen. Dek ventilatieopeningen nooit af.
- Het apparaat is niet geschikt voor continu gebruik.
- Wees voorzichtig met het netsnoer en beschadig deze niet. Als het snoer kapot of beschadigd is, kan dit leiden tot elektrische schokken of defecten.
- Als u de stekker uit het stopcontact neemt, trek dan niet aan het snoer, maar aan de stekker.
- Om brand of elektrische schok te voorkomen, dient u dit apparaat niet bloot te stellen aan regen of vocht.
- Verwijder of plaats een stekker nooit met natte handen resp. uit en in het stopcontact.
- Indien zowel de stekker en/of netsnoer als snoeringang in het apparaat beschadigd zijn dient dit door een vakman hersteld te worden.
- Indien het apparaat zo beschadigd is dat inwendige (onder)delen zichtbaar zijn mag de stekker NOOIT in het stopcontact worden geplaatst en het apparaat NOOIT worden ingeschakeld. Neem in dit geval contact op met de dealer.
- Sluit het apparaat nooit op een dimmer aan.
- Reparatie aan het apparaat dient te geschieden door een vakman of een deskundige.
- Sluit het apparaat alleen aan op een 220-240VAC / 50Hz (geaard) stopcontact, verbonden met een 10-16A meterkastgroep.
- Bij onweer altijd de stekker uit het stopcontact halen, zo ook wanneer het apparaat voor een langere tijd niet gebruikt wordt. Stelregel: Bij geen gebruik stekker verwijderen.
- Als u het apparaat lang niet gebruikt heeft en het weer wil gebruiken kan er condens ontstaan; laat het apparaat eerst op kamertemperatuur komen alvorens het weer in werking te stellen.
- Apparaat nooit in vochtige ruimten en buiten gebruiken.
- De behuizing wordt zeer warm, raak deze dan ook niet aan bij gebruik en direct na gebruik..
- Om ongevallen in bedrijven te voorkomen moet rekening worden gehouden met de daarvoor geldende richtlijnen en moeten de aanwijzingen/waarschuwingen worden gevolgd.
- Zorg voor een extra veiligheidsketting als het apparaat op hoogte wordt gehangen. Gebruik een truss-systeem met clamps . Ga nooit onder het apparaat staan bij ophanging. Monteer minimaal 50 cm van brandbare objecten en laat tenminste 1meter vrij aan weerszijden voor een deugdelijke ventilatie.
- Dit apparaat bezit een high intensity LED; kijk nooit in de LED om oogbeschadigingen te voorkomen.
- Het apparaat buiten bereik van kinderen houden. Bovendien mag het apparaat nooit onbeheerd gelaten worden
- Gebruik geen schoonmaakspray om de schakelaars te reinigen. Restanten van deze spray zorgen ervoor dat smeer en stof ophopen. Raadpleeg bij storing te allen tijde een deskundige.
- Zorg dat uw handen schoon zijn tijdens het gebruik.
- Gebruik geen overmatige kracht bij het bedienen van het apparaat.
- Bij een ongeval met dit product altijd eerst een des-kundige raadplegen alvorens opnieuw te gebruiken.
- Tracht het apparaat niet schoon te maken met chemische oplossingen. Dit kan de lak beschadigen. Gebruik een droge doek om schoon te maken.
- Blijf uit de buurt van elektronische apparatuur die bromstoringen zouden kunnen veroorzaken.
- Bij reparatie dienen altijd originele onderdelen te worden gebruikt om onherstelbare beschadigingen en/of ontoelaatbare straling te voorkomen.
- Schakel eerst het toestel uit voordat u het netsnoer verwijdert. Verwijder netsnoer en aansluitsnoeren voordat u dit product gaat verplaatsen.
- Zorg ervoor dat het netsnoer niet beschadigd/defect kan raken wanneer mensen erover heen lopen. Het netsnoer vóór ieder gebruik controleren op breuken/defecten!
- In Nederland/België is de netspanning 220-240Vac/50Hz. Indien u reist (en u neemt het apparaat mee) informeer dan naar de netspanning in het land waar u verblijft.

Deze markering wordt weergegeven om u erop attent te maken dat een levensgevaarlijke spanning in het product aanwezig is en dat bij aanraking van deze delen een elektrische schok wordt verkregen.

Deze instructiemarkering wordt weergegeven om u erop te wijzen dat de instructie zeer belangrijk is om te lezen en/of op te volgen.

KIJK NOOIT DIRECT IN DE LENS. Dit kan uw ogen beschadigen. Daarnaast dienen epileptici rekening te houden met de effecten die dit toestel creëert.
Dit apparaat is CE goedgekeurd ; er mogen geen veranderingen modificaties worden doorgevoerd ; deze kunnen de CE status te niet doen met alle gevolgen van dien. Tevens vervalt de garantie!
OPMERKING: Om zeker te zijn van een correcte werking, dient u dit apparaat in een ruimte te gebruiken waar de temperatuur tussen de 5°C/41°F en 35°C/95°F ligt.

DEUTSCH

Vielen Dank für den Kauf dieses Beamz gerat. Nehmen Sie sich einen Augenblick Zeit, um diese Anleitung sorgfältig durchzulesen, damit sie die Möglichkeiten, die unser Produkt bietet, sofort voll ausnutzen können. Lesen Sie erst die Anleitung vollständig vor der ersten Inbetriebnahme durch. Befolgen Sie die Anweisung, da sonst jeglicher Garantieanspruch verfällt. Treffen Sie stets alle Sicherheits-vorkehrungen um Feuer und/oder Stromschlag zu vermeiden. Reparaturen dürfen nur von qualifiziertem Fachpersonal ausgeführt werden, um Stromschlag zu vermeiden. Bewahren Sie diese Anleitung für spätere Bezugnahme auf.

- Bewahren Sie die Verpackung auf, um das Gerät im Bedarfsfall sicher transportieren zu können.
- Bevor das Gerät in Betrieb genommen wird, muss es erst von einem Fachmann überprüft werden. Bei der ersten Benutzung kann etwas Geruch auftreten. Das ist normal und verschwindet nach einer Weile
- Das Gerät enthält unter Spannung stehende Teile. Daher NIEMALS das Gehäuse öffnen.
- Keine Metallgegenstände oder Flüssigkeiten ins Gerät dringen lassen. Sie können zu Stromschlag und Defekten führen.
- Gerät nicht in der Nähe von Wärmequellen wie Heizkörpern aufstellen. Nicht auf eine vibrierende Oberfläche stellen. Niemals die Belüftungsschlitze abdecken.
- Das Gerät ist nicht für Dauerbetrieb geeignet.
- Gehen Sie vorsichtig mit dem Netzkabel um und beschädigen Sie es nicht. Eine beschädigte Netzschnur kann zu Stromschlag und Defekten führen.
- Wenn Sie das Gerät vom Netz trennen, immer am Stecker ziehen, niemals an der Schnur.
- Um Feuer und Stromschlag zu vermeiden, das Gerät vor Regen und Feuchtigkeit schützen.
- Den Stecker nie mit nassen Händen in eine Netzsteckdose stecken oder abziehen.
- Wenn sowohl der Stecker und/oder die Netzschnur bzw. der Kabeleintritt ins Gerät beschädigt sind, müssen sie von einem Fachmann repariert werden.
- Wenn das Gerät so beschädigt ist, dass Innenteile sichtbar sind, darf der Stecker NICHT in eine Steckdose gesteckt werden und das Gerät darf NICHT eingeschaltet werden. Wenden Sie sich in dem Fall an Ihren Fachhändler. Das Gerät darf nicht an einen Dimmer angeschlossen werden.
- Reparaturen dürfen nur von einem Fachmann oder Sachverständigen ausgeführt werden.
- Das Gerät nur an eine geerdete 10-16A Netzsteckdose mit 220-240V AC/50Hz Spannung anschließen.
- Bei Gewitter oder längerem Nichtgebrauch den Netzstecker abziehen. Die Regel gilt: Bei Nichtgebrauch Netzstecker abziehen.
- Wenn das Gerät längere Zeit nicht benutzt wurde, kann sich Kondenswasser gebildet haben. Lassen Sie das Gerät erst auf Zimmertemperatur kommen, bevor Sie es einschalten. Das Gerät nicht in feuchten Räumen oder im Freien benutzen.
- Das Gehäuse wird sehr warm. Während des Betriebs und gleich danach nicht das Gehäuse anfassen.
- Um Unfällen in der Öffentlichkeit vorzubeugen, müssen die geltenden Richtlinien beachtet und die Anweisungen/Warnungen befolgt werden.
- Wenn das Gerät an der Decke befestigt werden soll, muss es mit einer zusätzlichen Sicherheitskette abgesichert werden. Benutzen Sie ein Traversen system mit Haken. Während der Montage darf sich niemand im Bereich darunter aufhalten. Das Gerät muss mindestens 50cm von brennbaren Materialien entfernt angebracht werden. Lassen Sie einen Mindestabstand von 1m an jeder Seite des Geräts frei, um ausreichende Kühlung zu gewährleisten.
- Das Gerät besitzt eine hochintensive LED. Niemals direkt in die LED blicken, um die Augen nicht zu beschädigen.
- Niemals das Gerät kurz hintereinander ein- und ausschalten. Dadurch verkürzt sich die Lebensdauer erheblich.
- Das Gerät außerhalb der Reichweite von Kindern halten. Das Gerät niemals unbeaufsichtigt lassen.
- Die Regler nicht mit Reinigungssprays reinigen. Diese hinterlassen Rückstände, die zu Staub- und Fettansammlungen führen. Bei Störungen immer einen Fachmann um Rat fragen.
- Das Gerät nur mit sauberen Händen bedienen.
- Das Gerät nicht mit Gewalt bedienen.
- Nach einem Unfall mit dem Gerät immer erst einen Fachmann um Rat fragen, bevor Sie es wieder einschalten.
- Keine chemischen Reinigungsmittel benutzen, die den Lack beschädigen. Das Gerät nur mit einem trockenen Tuch abwischen.
- Nicht in der Nähe von elektronischen Geräten benutzen, die Brummstörungen verursachen können.
- Bei Reparaturen nur die Original-Ersatzteile verwenden, um starke Schäden und/oder gefährliche Strahlungen zu vermeiden.
- Bevor Sie das Netz- und/oder Anschlusskabel abziehen, erst das Gerät ausschalten. Netz- und Anschlusskabel abziehen, bevor Sie das Gerät umstellen.
- Sorgen Sie dafür, dass das Netzkabel nicht beschädigt werden kann, wenn Menschen darüber laufen. Das Netzkabel vor jedem Einsatz auf Brüche/Schadstellen überprüfen.
- In Deutschland beträgt die Netzspannung 220-240V AC / 50Hz. Wenn Sie das Gerät auf Reisen mitnehmen, prüfen Sie, ob die örtliche Netzspannung den Anforderungen des Geräts entspricht.

 Dieses Zeichen weist den Benutzer darauf hin, dass lebensgefährliche Spannungen im Gerät anliegen, die bei Berührung einen Stromschlag verursachen.

 Dieses Zeichen lenkt die Aufmerksamkeit des Benutzers auf wichtige Hinweise in der Anleitung hin, die unbedingt eingehalten werden müssen.

NIEMALS DIREKT IN DIE LINSE BLICKEN. Dies kann Ihre Augen verletzen. Epileptiker müssen die Auswirkungen berücksichtigen, die die Effekte dieses gerat auf ihre Gesundheit haben können.
Das Gerät ist CE geprüft. Daher dürfen KEINE Veränderungen vorgenommen werden. Außerdem verfällt bei Veränderungen am Gerät jeglicher Garantieanspruch!
HINWEIS: Um einen einwandfreien Betrieb zu gewährleisten, muss die Raumtemperatur zwischen 5° und 35°C liegen.

ESPAÑOL

Enhorabuena por la compra de este efecto de luces Beamz. Por favor lea atentamente este manual antes de usar el aparato para disfrutar al completo de sus prestaciones.
Seguir las instrucciones le permite no invalidar la garantía. Tome todas las precauciones para evitar que se produzca fuego o una descarga eléctrica. Las reparaciones solo deben llevarse a cabo por técnicos cualificados para evitar descargas eléctricas. Guarde el manual para futuras consultas.

- Antes de usar el aparato, por favor pida consejo a un profesional. Cuando el aparato se enciende por primera vez, suele sentirse cierto olor. Esto es normal y desaparece al poco tiempo.
- Este aparato contiene piezas que llevan voltaje. Por lo tanto NO abra la carcasa.
- No coloque objetos metálicos o vierta líquidos dentro del aparato Podría producir descargas eléctricas y fallos en el funcionamiento.
- No coloque el aparato cerca de fuentes de calor tipo radiadores, etc. No coloque el aparato en superficies vibratorias. No tape los agujeros de ventilación.
- Este aparato no está preparado para un uso continuado.
- Tenga cuidado con el cable de alimentación y no lo dañe. Un daño o defecto en el cable de alimentación puede producir una descarga eléctrica o fallo en el funcionamiento.
- Cuando desconecte el aparato de la toma de corriente, siempre tire de la clavija, nunca del cable.
- No enchufe o desenchufe el aparato con las manos mojadas.
- Si la clavija y/o el cable de alimentación están dañados, necesitan reemplazarse por un técnico cualificado.
- Si el aparato está dañado de modo que puedan verse sus partes internas, NO conecte el aparato a la toma de corriente y NO lo encienda. Contacte con su distribuidor. NO conecte el aparato a un reostato o dimmer.
- Para evitar un fuego o peligro de descarga, no exponga el aparato a la lluvia y a la humedad.
- Todas las reparaciones deben llevarse a cabo exclusivamente por técnicos cualificados.
- Conecte el aparato a una toma de corriente con toma de tierra (220-240Vca/50Hz) protegida por un fusible de 10-16A.
- Durante una tormenta o si el aparato no va a usarse durante un periodo largo de tiempo, desconéctelo de la toma de corriente. La regla es: Desconéctelo si no lo va a usar.
- Si el aparato no se ha usado en mucho tiempo puede producirse condensación. Deje el aparato a temperatura ambiente antes de encenderlo. Nunca utilice el aparato en ambientes húmedos o en el exterior.
- Durante el funcionamiento, la carcasa se calienta muchísimo. No la toque durante el funcionamiento o inmediatamente después.
- Para prevenir accidentes en las empresas, debe seguir las directrices aplicables y seguir las instrucciones.
- Asegure el aparato con una cadena de seguridad extra si el aparato se monta en un techo. Utilice un sistema de truss con ganchos. Asegúrese de que nadie permanece en el área de montaje. Monte el efecto a una distancia de al menos 50cm de materiales inflamables y deje un espacio de al menos 1 metro a cada lado para permitir que haya suficiente ventilación.
- Este aparato contiene LEDs de alta luminosidad. No mire a la luz del LED para evitar daños en su vista.
- No lo apague y encienda repetidamente. Esto acorta su tiempo de vida.
- Mantenga el aparato fuera del alcance de los niños. No deje el aparato sin vigilancia.
- No utilice sprays limpiadores para limpiar los interruptores. Los residuos de estos sprays producen depósitos de polvo y grasa. En caso de mal funcionamiento, siempre consulte a un profesional.
- Solo maneje el aparato con las manos limpias.
- No fuerce los controles.
- Si el aparato se ha caído, siempre haga que lo verifique un técnico cualificado antes de encenderlo otra vez.
- NO utilice productos químicos para limpiar el aparato. Dañan el barniz. Tan solo límpielo con un trapo seco.
- Manténgalo lejos de equipos electrónicos ya que pueden producir interferencias.
- Solo utilice recambios originales para las reparaciones, de otro modo pueden producirse daños serios y/o radiaciones peligrosas.
- Apague el aparato antes de desconectarlo de la toma de corriente y/o de otros equipos. Desconecte todos los cables y conexiones antes de mover el aparato.
- Asegúrese de que el cable de alimentación no puede dañarse cuando la gente lo pise. Compruebe el cable de alimentación antes de cada uso por si hay daños o defectos.
- El voltaje de funcionamiento es 220-240Vca/50Hz. Compruebe que la toma de corriente coincide. Si tiene que viajar, asegúrese de que el voltaje del país es el adecuado para este aparato.
- Guarde el embalaje original para poder transportar el aparato en condiciones seguras.

Esta señal advierte al usuario de la presencia de alto voltaje en el interior de la carcasa y que es de la suficiente magnitud como para producir una descarga eléctrica.

Esta señal advierte al usuario de que el manual contiene instrucciones importantes que han de leerse y seguirse al pie de la letra.

NO MIRE DIRECTAMENTE A LA S LENTES. Puede dañarle la vista. Las personas propensas a tener ataques epilépticos deben tener en cuenta los efectos que este efecto de luces puede tener en ellos. Este aparato ha obtenido el certificado CE. Está prohibido hacer cambios en el aparato. ¡Invalidaría el certificado CE y su garantía!

NOTA: Para asegurarse de que el aparato funcione correctamente, debe usarse en ambientes a una temperatura de entre 5°C/41°F y 35°C/95°F.

Specification

Voltage: .....AC 240V～ 50/60HZ / 120 AC 120V-60HZ

Power input: ..... DC9～15V 600mA

DMX Output: ..... XLR 3 pins

Channels: 136

Dimensions : 482x178x80mm

Weight : 3,6Kg

1. Description of the device

1.1 Features

The DMX1360 Controller is a light controller from Beamz.

- Hybrid console for 16 DMX units (8 intelligent fixtures & 8 PARs)
- 6 freely programmable PAR programs, ONE/MIX/SEQ available
- 8 freely programmable fixture programs, MIX/SEQUENCE available
- 136 DMX channels(8 channels for PARs and up to 16 channels per fixture)
- 96 freely programmable fixture scenes / PAR scenes
- Speed, Fade Time and Master control for chases
- Joystick for Pan / Tilt & Pan fine / Tilt fine movement of fixture
- Free access of CF card (32MB) for the exchange of data and memories
- Blackout overall output
- Fade time/Non-fade time under control
- Power failure memory and Fog Machine trigger
- MIDI control over scenes, chases and blackout
- Audio input and built-in microphone for music sync. function

Scanner section (**A**):

- Up to 8 scanners with max. 16 addresses
- Memory for 96 scanner scenes
- Memory for 8 scanner chases with 99 steps
- Programmable speed and fade time
- Tap-sync.
- Black-out
- Patch possibility
- Joystick with fine mode and 4 step buttons

Parcan section (**B**):

- 8 Channel dimfaders with 1 master fader
- Memory for 96 parcan scenes
- Memory for 6 parcan chaser with 99 steps
- One/mix/sequence options for 16x 6 runlights
- Speed fader
- Audio sensivity fader
- Step function
- Tap-sync function
- Standby and full-on
- Fade / speed
- Light to sound

NOTE: Knowledge of MIDI and DMX is required to fully utilize this unit.

1.2 Overview

Fig. 1

1.3 Frontside

Fig. 2

1) SCENE buttons

Press the scene buttons to load or store relevant Scenes.

2) CHASE buttons

These buttons are used to load or store relevant Chases.

3) FIXTURE buttons

To select fixtures for setting, programming or recording.

4) Dimmer faders

To control and adjust relevant dimming level for each channel.

5) PAGE button

To select relevant Scene-page or Chase-page.

6) STEP / MIX / SEQ button

To activate the “STEP” function or switch between the Mix mode and the Sequence mode.

7) GROUP button

To select more fixtures while holding down this button simultaneously.

8) TAP SYNC button

Repeatedly tap this button to establish different chase rate.

9) AUDIO button

Used to activate audio sync of chase rate or set a scene at audio effect.

10) BLACKOUT button

Press this button to enable or disable relevant DMX output. When its LED is lit, that means relevant DMX output is disabled. Press this button again the LED will be “off”, that means the DMX output is reactivated.

11) SETUP button

Press this button for about 3 seconds to access the SETUP menu.

12) FOG MACHINE button

This button is used to control the Fog machine. Relevant LED will show you the different working states (HEATING or READY).

13) DEL button

Press this button to delete relevant Scenes or Chases.

14) LCD Display

15) RECORD button

Press and hold down this button for about 5 seconds to access the Scene/Chase mode, and also usethis button to record Scenes or Chases.

16) ESC button

To cancel relevant operation or to exit.

17+18) UP/DOWN buttons

To select or adjust desired item or level during operation.

19) CH.PAGE button

Press this button to switch between CH 1-8 and CH 9-16. LED “off ” means 1-8 channels available, while LED “on “ means 9-16 channels available.

20) Up button

Used to adjust PAN / TILT movement.

21) FINE button

Use this button can adjust relevant level finely by a small margin .

22) Left buttons

Used to adjust PAN / TILT movement.

23) Joystick

Used to control and adjust relevant level more conveniently through the Pan or Tilt movement.

24) Right button

Used to adjust PAN / TILT movement.

25) SPEED fader

Used to set or adjust relevant speed as user’s desire.

26) FADE fader

Used to set or adjust relevant fade as user’s desire.

27) Down button

Used to adjust PAN / TILT movement.

28) SCENE buttons

Press the scene buttons to load or store relevant Scenes.

29) AUTO button

Used to activate AUTO mode.

30) CHASE buttons

These buttons are used to load or store relevant Chases.

31) ONE/MIX/SEQ button

To select One mode, Mix mode or Sequence mode.

32) PAGE button

To select relevant Scene-page or Chase-page.

33) STEP button

34) TAP SYNC button

Repeatedly tap this button to establish different chase rate.

35) STANDBY button

Press this button to enable or disable relevant output of PARs. Its function is similar to the BLACKOUT button.

36) FADE + SPEED button

To select FADE TIME or NO FADE TIME.

37) AUDIO button

To adjust for best audio effect.

38) FULL ON button

Press this button to output all the PARs at full intensity.

39) SPEED fader

Used to set or adjust relevant speed as user's desire.

40) AUDIO fader

Used to set or adjust the sensitivity of the sound controlled mic.

41) FADE fader

Used to adjust the FADE TIME level.

42) MASTER fader

Used to proportionally and totally change the overall console output.

1.3 Backside

Fig. 3

43) CF CARD socket

It is for CF CARD operation.

44) FOG MACHINE INPUT

To connect with the fog machine.

45) MIDI IN

Used to receive MIDI data.

46) DMX OUT

To send DMX data.

47) DMX polarity select

Used to select DMX polarity (2-,3+ / 2+,3-).

48) AUDIO LINE INPUT

0.1V~1Vp-p

49) EXT STEP CONTROL INPUT

To input the external Step Control signals.

50) POWER ON / OFF

Used to switch on / off the power.

51) DC INPUT

DC 9 ~15V , 500mA min.

2. Installation

Remove all packing materials from the DMX1360 Controller. Check that all foam and plastic padding is removed. Connect all cables.

Always disconnect from electric mains power supply before cleaning or servicing. Damages caused by non-observance are not subject to warranty.

3. Operation

Before plugging the unit in, always make sure that the power supply matches the product specification voltage. Do not attempt to operate a 120V specification product on 230V power, or vice versa.

3.1 Set up moving light effects

DMX channels 1 to 113 are reserved for the moving lights. Channels 129 to 136 are reserved for the static DMX channels, at the parcan section (**B**) of the DMX1360 Controller.

DMX Fixture start addresses are:

FIXTURE1	DMX START ADDRESS: 01
FIXTURE2	DMX START ADDRESS: 17
FIXTURE3	DMX START ADDRESS: 33
FIXTURE4	DMX START ADDRESS: 49
FIXTURE5	DMX START ADDRESS: 65
FIXTURE6	DMX START ADDRESS: 81
FIXTURE7	DMX START ADDRESS: 97
FIXTURE8	DMX START ADDRESS: 113

Before you start programming, the console first has to be patched.

Hold down the SETUP button (**11**) for 5 seconds, the green LED will illuminate. With the UP/DOWN buttons (**17** & **18**) you have to choose “2. ASSIGN CH” and then press the RECORD button (**15**).

The LCD now shows:

CHANNEL01>OUT01 OK ESC SEL ADJ

This means Controller Channel 1 now sends a signal to DMX address 1. You can change the DMX address by pressing the DOWN button (**18**), until you see the address you want. By pressing the UP button (**17**), you can change the Channel of your DMX1360 Controller. To save a channel patch, you first have to select a fixture (**3**) and then press RECORD (**15**). Make sure all channels are only used once.
After the display shows:

CHANNEL16>OUT16 OK ESC SEL ADJ

The joystick patch starts with:

PAN>NONE OK ESC SEL ADJ

The joystick of the DMX1360 Controller is not standard included in the patch, that's why the word "NONE" is shown on the spot of the DMX address in the display.
You can change the address by using the DOWN button (**18**). Press the button, until the display shows the right DMX address. Now press UP (**17**), until the display shows: TILT >NONE and then patch the TILT address. Now select the FIXTURE (**3**), for which the joystick will be patched. Then press RECORD (**15**), the LEDs will flash a moment and the display shows: "GOOD", meaning the patch has been stored.

When, during the steps above, the display shows "ERR", means an error has been made with patching, example: The patch address is already used, no double channels can be patched.

Follow all steps, until all channels have been set. Then press the ESC button (**16**) to exit the menu.

3.2 Programming and controlling a moving light effect.

Hold down the RECORD button (**15**) for 5 seconds, the green LED will illuminate.
The LCD now shows:

SELECT A SCENE OR CHASE! PAGE01

Push the PAGE button (**5**) and use the UP/DOWN buttons (**17** & **18**) to change the PAGE number, on which the "scene" or "chase" will be programmed. There are 12 pages and on every page 8 chases and 8 scenes can be programmed. Remember which "chases" are on which page, this makes it a lot easier.

Scene

Select the SCENE (**1**) and FIXTURE (**3**) you want to program. By using the faders (**4**) you can set the preferred set up. When everything has been set to your need, press the RECORD button (**15**) to confirm and all LEDs will flash for a moment. Repeat these steps, until all scenes are programmed.

Chase

Select the CHASE (**2**) you want to program. Make sure that the "chase" you want to program, is actually selected. By using the faders (**4**) you can set the preferred set up. When everything has been set to your need, press the RECORD button (**15**) to confirm and all LEDs will flash for a moment. Repeat these steps, until all steps are in the chase. Press the DEL button (**13**) to delete the current step, all LEDs will flash once.

Adjusting the speed of a chase

The speed of a CHASE (**2**) can be adjusted (during programming) by using the speedfader (**25**). Hold down the RECORD button (**15**) for 5 seconds, and select an empty "chase".
Select a FIXTURE (**3**), set the faders (**4**) and move the speedfader. On the left side of the display you can see the length of every step of the chase (in seconds). All lengths from the steps will be stored in the "chase".

The speed can also be changed during a Live Mode “chase”’. Hold down the particular “chase” button of which you want to change the speed manually and at the same time press the mix/sequence button (**6**). The blinking speed of the LED (above the chase button) changes. If the LED blinks slowly, the pre-programmed “speed” will be held. If the LED blinks fast, the “speed” and “fade” can be set by using the faders (**4**).

Erase a Chase or Scene

Hold down the RECORD button (**15**) for 5 seconds, and the green LED will illuminate.
The LCD now shows:

SELECT A SCENE OR CHASE! PAGE01

- Press the SCENE button you want to delete. Hold down the SCENE button and at the same time press the DEL button (**13**). Then press the ESC button (**16**) to exit the menu. You will see that the LED, which was previously on (next to the SCENE), now is off. This means the SCENE has been deleted.
- Press the button CHASE you want to delete. Hold down the CHASE button and at the same time press the DEL button (**13**). Then press the ESC button (**16**) to exit the menu. Now the CHASE has been deleted.

Exit Record

Press the ESC button (**16**) when all steps have been entered, then press the button again to exit the menu.

Play Scene / Chase

The LEDs of the pre-programmed “scenes” illuminate green. The “scenes” of which the LEDs are off, are not programmed. Press the button of a “scene” or “chase” you want, to activate it. Press the button again to deactivate. The LEDs from the “chase” only blink after the chase has been activated/selected. Chases that haven’t been programmed can’t be selected.

Page (5)

When the PAGE button (**5**) has been activated, you can view the pages of the moving light effects.

CH.PAGE button (19)

Press this button to switch between CH 1-8 and CH 9-16. LED “off ” means 1-8 channels available, while LED “on “ means 9-16 channels available.

Tap sync (8)

With this function you can press the “chase” speed manually. The speed, with which you press the button, is the speed of the “chase”. This option is often used, when the “chase” has to follow the rhythm of the music.

Step Mix/sequence

The MIX/SEQUENCE button (**6**) has the following options:

1) MIX MODE

In “mix”-mode the LED of the active “chase” blinks and the LED above the MIX/SEQUENCE button (**6**) is flashing RED. When CHASE 1 and CHASE 2 are selected, CHASE 1 will run first and then CHASE 2.

2) SEQUENCE MODE

In “sequence”-mode the LEDs of the selected “chases” blink synchronously and the LED above the MIX/SEQUENCE button (**6**) is RED. In “sequence”-mode only the program, which has been selected last, runs.

Note: Switching between “mix”-mode or “sequence”-mode is only possible when all “chases” have been deselected!

Step

When a “chase” is running, all steps can be manually walked through by pressing the STEP button (**6**).

Audio

When AUDIO (**9**) is activated, the “chase” will respond to the music via the internal mic.

Group

During programming the “fixture” button, which was pushed last, is selected. You can select two or more “fixtures” by using the GROUP function (**7**). With this function multiple “fixtures” can be selected, for example: you can change the color of 4 movingheads at the same time.

Hold down the GROUP button (**7**) and at the same time press “fixture” buttons, you want to use together. The LEDs above these buttons will flash synchronously, this means that these “fixtures” now belong to a group.

Note: The GROUP button (**7**) only works in program mode.

Black Out

When pushing the BLACK OUT button (**10**) all DMX activities from the moving light are de-activated. The programs keep on running, but no signal is sent to the “fixtures”.

3.4 Conventional light (Parcans)

Conventional light (parcans, etc) does not need to be patched, because this light only has 1 DMX channel. The DMX channels for conventional light start at address 129, because all prior addresses are reserved for moving light effects.

To keep programming and controlling simple, this DMX1360 Controller has been divided in 2 parts. The left side is for moving light effects and the right side is for conventional light.

Programming

Hold down the RECORD button (**15**) for 5 seconds, the green LED will illuminate.

SELECT A SCENE OR CHASE! PAGE01

First press the PAGE button (**32**). Now you can change the PAGE number (**32**) with the UP/DOWN buttons(**17** &**18**).

Press the SCENE (**28**) or CHASE (**30**) button, which has to be programmed. Set the faders (**38**) to the desired position. The faders (**41**) have address 129 – 136. These addresses can't be patched. When this has been done, you can store the step(s) by pressing the RECORD button (**15**) (a SCENE has one step, a CHASE has multiple steps).

Exit Record

Press the ESC button (**16**) when all steps have been entered, then press the button again to exit the menu.

Play Scene / Chase

The LEDs of the pre-programmed "scenes" illuminate green. The "scenes" of which the LEDs are off, are not programmed. Press the button of the "scene" or "chase" you want, to activate it. Press the button again to deactivate. The LEDs from the "chase" only blink after the chase has been activated/selected. Chases that haven't been programmed can't be selected.

Page (32)

When the PAGE button (**32**) has been activated, you can view the pages of the conventional light effects.

Fade time

It is possible to add a fade time to the steps. In this way you can beautifully fade in/out a "scene". First leave the "record"-mode and set the "fade" time with the right "speed-fader" (**39**). Push the FADE+SPEED button (**36**). When the LED is on, FADE has been selected. Now press the "scene" you want to activate, this scene will now fade-in. When the LED is off, SPEED has been selected.

Step (33)

When a "chase" is running, all steps can be manually walked through by pressing the STEP button (**33**).

Tap sync (34)

With this function you can press the "chase" speed manually. The speed, with which you press the button, is the speed of the "chase". This option is often used when the "chase" has to follow the rhythm of the music.

Stand-by (35)

With this function the DMX1360 Controller is set to a stand-by mode. The programs keep on running, but DMX output for conventional light is off. This function is almost the same as the "blackout" function for moving light effects.

Fade + speed (36)

With this function you can set the way the steps follow each other. When using a “fade”, the set time on the “speed”-fader (**39**) will be the fading time between 2 steps. When using a “speed”, the set time on the “speed”-fader will be the waiting time between 2 steps. When the LED is on, FADE has been selected. When the LED is off, SPEED has been selected.

This function is for “chase” programs as well as “scene” programs.

Audio (37)

When audio is activated, the “chase” will respond to the music via the internal mic. Use the AUDIO fader to set or adjust the sensitivity of the sound controlled mic.

Full On (38)

When pushing this button, all channels of the conventional light will be at 100%.

One/mix/seq (31)

1) ONE MODE

When the “one” function has been selected, the last selected chase will run. The LED will be off.

2) MIX MODE

When the “mix” function has been selected (LED is on), multiple “chases” will run at the same time. All selected chases will run.

3) SEQUENCE MODE

When the “seq” function has been selected (LED is flashing), all “chases” will run after each other. The active “chase” at that time is shown by a flashing LED above that particular “chase”.

Note: Switching between “mix”-mode or “sequence”-mode is only possible when all “chases” have been deselected!

Auto

When the AUTO function (**29**) has been selected, all programmed “scenes” will follow each other, like one big “chase”.

The speed can be set with the right “speed”-fader.

3.5 Setup menu layout

The Setup menu has 6 functions. You can set these functions by holding down the “setup”-button for 5 seconds. By using the UP/DOWN buttons (**17** & **18**) you can walk through the menu:

1) CF Card
2) ASSIGN CH
3) P/T FADE ONLY
4) DISPLAY MODE
5) MIDI CH
6) ASSIGN LIST

CF-CARD

The CF-Card is a back-up option. You can put programs on the CF-card or backup programs, and they can be reinstated later.

Store Data

With the UP/DOWN buttons (**17** & **18**) you have to choose “CF CARD” (option 1) in the set up menu and then press the “record” button.

Then with the UP/DOWN buttons (**17** & **18**) you have to choose “STORE TO CF” (option 2).

With the UP/DOWN buttons (**17** & **18**) you can now select what needs to be stored on the CF-card and then press the “record” button again.

4. Settings

Enter the setting mode

Press the SETUP button (**11**) for 5 seconds while no program running, relevant LED will light up. LCD will show you:

1. CF-CARD 2. ASSIGN CH.

(3.P/T FADE ONLY 4.DISPLAY MODE 5.MIDI CH.)

Use the UP/DOWN buttons (**17** & **18**) to scroll, RECORD (**15**) to enter, and ESC (**16**) to exit.

Save data to the CF card

Enter the setting mode, then choose “1. CF-CARD” and press RECORD button (**15**), the LCD will show:

1. READ FROM CF 2. STORE TO CF

Then please press UP/DOWN (**17** & **18**) to choose “2. STORE TO CF”, press RECORD (**15**) again for further operation.

Select relevant location (1-99) by UP/DOWN buttons to save the data, and then press the RECORD button (**15**) for recording, press the ESC button (**16**) to exit.

Read from the CF card

Enter the setting mode, then choose “1. CF-CARD” and press RECORD, the LCD will show you:

1. READ FROM CF 2. STORE TO CF

Use UP/DOWN buttons to choose “1. READ FROM CF”, and press the RECORD button (**15**) to enter.

Select relevant location (1-99) by UP/DOWN buttons (**17** & **18**), and press the RECORD button (**15**) for data reading, use ESC (**16**) to cancel or exit.

Patch channel (assign)

Enter the setting mode to choose “2. ASSIGN CH.” and press RECORD (**15**) to enter channel distributing mode. LCD shows:

CHANNEL1 > OUT1 OK ESC SEL ADJ

Select the fixtures to be distributed.

Use UP button to select relevant channel number, and press DOWN to select the channel number to be distributed.

Press RECORD button (**15**) to confirm, and press ESC button (**16**) to cancel or exit.

PAN / TILT FADE ONLY

Enter the setting mode to choose item “3. P/T FADE ONLY”, and press the RECORD button (**15**) to enter “PAN/TILT FADE ONLY” mode. Further information will be shown on the LCD:

FIXTURE1: ONLY OK ESC SEL ADJ

Select fixtures by the UP button, and press the DOWN button to select “FADE ONLY” or ”FADE ALL”. Press RECORD (**15**) to confirm your operation, and ESC (**16**) to cancel or exit.

Display mode (100/255)

Enter the setting mode and choose item “4. DISPLAY MODE”, then press the RECORD button (**15**) to enter. LCD will show you:

DISPLAY MODE : X X X OK ESC CHANGE

Select mode 100 or mode 255 by UP/DOWN buttons. “100” is for value in percent’s (%), “255” is for values in DMX steps. Press “RECORD” to confirm your operation, use “ESC” to cancel or exit.

MIDI channel

Enter the setting mode and choose “5. MIDI CH.”, then press RECORD button (**15**) to enter the relevant further operation. LCD will show you:

MIDI CH. <X X> OK ESC CHANGE

Select relevant MIDI channels (1-16) by UP/DOWN buttons. Press “RECORD” to confirm your operation, and use “ESC” to cancel or exit.

Notice for CF card

Do not pull out the CF card when being used. Power must be assured “on”, when reading or storing to CF card. Turn off the power when connect or disconnect CF card with the unit.

CF card (32MB) can be used only for DMX1360 Controller; otherwise the data would probably be missing. Outputting of DMX would be stopped during the reading or storing to CF card. And so does to “ASSIGN CH.” mode.

CF card may become hot during use. Please observe due caution when removing memory cards from this device.

Take good care of the CF card, and keep it in good conditions.

To clear the memory

Turn off the power, simultaneously holding down the Chase buttons 3, 6 and the Fixture buttons 2, 7, and atthe same time, turn on the power. LCD will show you :

CLEAR MEMORY NOW PLEASE WAIT.

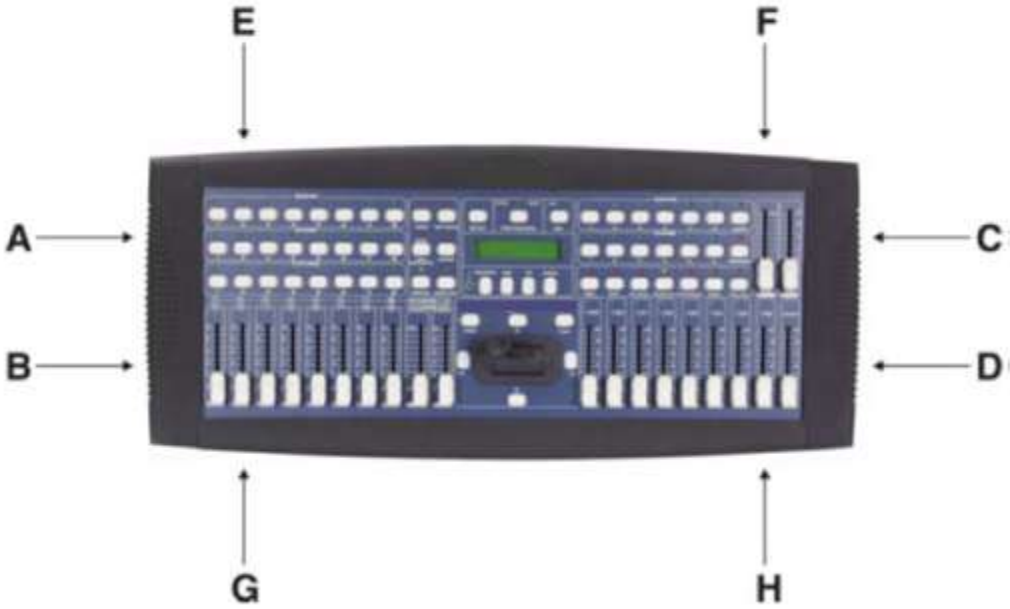
Memory will be cleared within 5 seconds.

MIDI Implementation

This unit can receive and transmit MIDI NOTE information according to the relevant channels. Please keep the following list for reference.

NOTE NUMBER	FUNCTION
23-34	FIXTURE PAGE 1-12
35-50	PAR PAGE 1-16
51-58	FIXTURE SCENE 1-8
59-66	FIXTURE CHASE 1-8
67-72	PAR SCENE 1-6
73-78	PAR CHASE 1-6
79	PAR STANDBY
80	PAR FADE + SPEED
81	FIXTURE BLACKOUT
82	FIXTURE AUDIO
83	PAR AUDIO
84	PAR AUTO
85	PAR STEP
86	FIXTURE MIX/SEQ
87	PAR ONE/MIX/SEQ
88	PAR FULL ON

5. Removing the rubber housing for 19” rack fitting



Remove the 4 screws (A, B, C, D) on the side and the 4 screws (E, F, G, H) on the top and bottom. Now you can mount your DMX1360 Controller in a 19” rack.

6. Maintenance

The Beamz DMX1360 Controller requires almost no maintenance. However, you should keep the unit clean. Disconnect the mains power supply, and then wipe the cover with a damp cloth. Do not immerse in liquid. Do not use alcohol or solvents.

Keep connections clean. Disconnect electric power, and then wipe the DMX and audio connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

7. Troubleshooting

This troubleshooting guide is meant to help solve simple problems. If a problem occurs, carry out the steps below in sequence until a solution is found. Once the unit operates properly, do not carry out following steps.

1. If the device does not operate properly, unplug the device.
2. Check power from the wall, all cables, the fuse, etc.
3. If all of the above appears to be O.K., plug the unit in again.
4. If nothing happens after 30 seconds, unplug the device.
5. Return the device to your Beamz dealer.

CE – Declaration of Conformity

Importer:	TRONIOS BV Bedrijvenpark Twente 415 7602 KM - ALMELO
Tel :	0031546589299
Fax :	0031546589298
	The Netherlands

Product number:	154.044
Product Description:	**DMX1360 Controller 136CH**
Regulatory Requirement:	EN 60598-1/-2 EN 60335-1 EN 55014-1/-2 EN 61000-3

The product meets the requirements stated in Directives 2006/95 and 2004/108/EC and conforms to the above mentioned Declarations.

ALMELO,
2-12-2013

Signed: P. Feldman

This symbol on the device or the package indicates that disposal of the device after its lifecycle could harm the environment. Do not dispose of the unit (or batteries) as unsorted municipal waste; it should be taken to a specialized company for recycling. This device should be returned to your distributor or to a local recycling
service. Respect the local environmental rules.

Dit symbool op het toestel of de verpakking geeft aan dat, als het na zijn levenscyclus wordt weggeworpen, dit toestel schade kan toebrengen aan het milieu. Gooi dit toestel (en eventuele batterijen) niet bij het gewone huishoudelijke afval; het moet bij een gespecialiseerd bedrijf terechtkomen voor recyclage. U moet dit toestel naar uw verdeler of naar een lokaal recyclagepunt brengen. Respecteer de plaatselijke milieuwetgeving.

Tronios BV Registrierungsnummer : DE51181017 (ElektroG).

Dieses Produkt darf am Ende seiner Lebensdauer nicht über den normalen Haushaltsabfall entsorgt werden, sondern muss an einem sammelpunkt für das Recycling abgegeben werden. Hiermit leisten Sie einen wichtigen Beitrag zum Schutze unserer Umwelt.

Tronios BV Registrierungsnummer : 21003000 (BatterieG).

Lithiumbatterien und Akkupacks sollten nur im entladenen Zustand in die Altbatteriesammelgefäße bei Handel und bei öffentlich-rechtlichen Entsorgungsträgern gegeben werden. Bei nicht vollständig entladenen Batterien Vorsorge gegen Kurzschlüß treffen durch Isolieren der Pole mit Klebestreifen.

Der Endnutzer ist zur Rückgabe von Altbatterien gesetzlich verpflichtet

www.tronios.com

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